IN THE CLAIMS

1-2.   (Cancelled)

3.   (Currently Amended) A computer, comprising: ~~according to claim 1~~
a memory; and
a data structure storing a schema for a generic document, the data structure stored in the
memory and including:
      a definition of a first element, the definition of the first element including an
element value field; and
      a key identifier to identify a key value field to be used as a key in a data store,
wherein:
          the definition of the first element includes a definition of a first attribute of
the first element, the definition of the first attribute including the key identifier;
and
          the key identifier identifies the element value field as the key value field.

4.   (Currently Amended) A computer according to claim ~~1~~ 3, wherein the definition
of the first element includes a definition of a second attribute, the definition of the second
attribute including an attribute value field.

5.   (Original) A computer according to claim 4, wherein:
the definition of the second attribute includes the key identifier as a property of the
second attribute; and
the key identifier identifies the attribute value field as the key value field.

6.   (Original) A computer according to claim 4, wherein:
the definition of the first element further includes a definition of a third attribute of the
first element, the definition of the third attribute including the key identifier; and
the key identifier identifies the attribute value field of the second attribute as the key
value field.

7.   (Currently Amended) A computer, comprising: ~~according to claim 1,~~ a memory; and

a data structure storing a schema for a generic document, the data structure stored in the memory and including:

a definition of a first element, the definition of the first element including an element value field; and

a key identifier to identify a key value field to be used as a key in a data store, wherein the data structure further includes:

a definition of a second element, the definition of the second element including a second element value field; and

a tree structure including the first element and the second element.

8-12.   (Cancelled)

13.   (Currently Amended) A system, comprising: ~~according to claim 11~~

a data store storing a first generic document and storing a value for a first key value field, the value loaded from the first generic document; and

a first schema applicable to the first generic document, the first schema including:

a definition of a first element, the definition of the first element including an element value field; and

a first key identifier to identify the first key value field in the first generic document to be used as a key in a data store, wherein:

the definition of the first element includes a definition of a first attribute, the definition of the first attribute including the first key identifier; and

the first key identifier identifies an element value field of the first element as the first key value field.

14.   (Currently Amended) A system according to claim ~~11~~ 13, wherein the definition of the first element includes a definition of a second attribute, the definition of the second attribute including an attribute value field.

15. (Original) A system according to claim 14, wherein:

the definition of the second attribute includes the first key identifier as a property of the second attribute; and

the first key identifier identifies the attribute value field as the first key value field.

16. (Original) A system according to claim 14, wherein:

the definition of the first element further includes a definition of a third attribute, the definition of the third attribute including the first key identifier; and

the first key identifier identifies the attribute value field as the first key value field.

17. (Currently Amended) A system, comprising: ~~according to claim 11~~

a data store storing a first generic document and storing a value for a first key value field, the value loaded from the first generic document; and

a first schema applicable to the first generic document, the first schema including:

a definition of a first element, the definition of the first element including an element value field; and

a first key identifier to identify the first key value field in the first generic document to be used as a key in a data store, wherein:

the data store is operative to store a second generic document and to store a second value for a second key value field, the value loaded from the first generic document; and

the system further comprises a second schema applicable to the second generic document, the second schema including:

a definition of a second element, the definition of the second element including an element value field; and

a second key identifier to identify the second key value field in the second generic document to be used as a key in a data store.

18.   (Original) A system according to claim 17, wherein:

the first schema includes a first identifier for the first key value field;

the second schema includes a second identifier for the second key value field; and

the first identifier and the second identifier are the same identifier.

19-64. (Cancelled)

65.   (New) A computer according to claim 7, wherein:

the definition of the first element includes a definition of a first attribute of the first element, the definition of the first attribute including the key identifier; and

the key identifier identifies the element value field as the key value field.

66.   (New) A computer according to claim 65, wherein the definition of the first element includes a definition of a second attribute, the definition of the second attribute including an attribute value field.

67.   (New) A computer according to claim 66, wherein:

the definition of the second attribute includes the key identifier as a property of the second attribute; and

the key identifier identifies the attribute value field as the key value field.

68.   (New) A computer according to claim 66, wherein:

the definition of the first element further includes a definition of a third attribute of the first element, the definition of the third attribute including the key identifier; and

the key identifier identifies the attribute value field of the second attribute as the key value field.

69.   (New) A system according to claim 13, wherein:

the first schema includes a first identifier for the first key value field;

the second schema includes a second identifier for the second key value field; and

the first identifier and the second identifier are the same identifier.

70.   (New) A system according to claim 13, wherein:

the parser is operative to parse the schema into objects; and

the system further comprises a definer to define a structure for the data store based on the objects.

71.   (New) A system according to claim 13, wherein:

the parser is operative to identify the first key value field in the schema; and

the system further comprises a loader to load a value from the first key value field in the first generic document.

72.   (New) A system according to claim 71, wherein:

the schema includes a definition of at least one of a second element and a fourth attribute;

the parser is operative to identify the second element or the fourth attribute;

the loader is operative to load a second value from the second element or the fourth attribute in the first generic document; and

the data store further includes a field storing the second value in a native format of the data store.

73.   (New) A system according to claim 71, wherein the data store further includes an index associated with the first generic document, the index storing a copy of the value from the first key value field in the first generic document.

74.   (New) A system according to claim 73, wherein the index is in a native format of the data store.

75.   (New) A system according to claim 17, wherein:

the definition of the first element includes a definition of a first attribute, the definition of the first attribute including the first key identifier; and

the first key identifier identifies an element value field of the first element as the first key value field.

76. (New) A system according to claim 75, wherein the definition of the first element includes a definition of a second attribute, the definition of the second attribute including an attribute value field.

77. (New) A system according to claim 76, wherein:

the definition of the second attribute includes the first key identifier as a property of the second attribute; and

the first key identifier identifies the attribute value field as the first key value field.

78. (New) A system according to claim 76, wherein:

the definition of the first element further includes a definition of a third attribute, the definition of the third attribute including the first key identifier; and

the first key identifier identifies the attribute value field as the first key value field.

79. (New) A system according to claim 17, further comprising a parser to parse the first schema.

80. (New) A system according to claim 79, wherein:

the parser is operative to identify the first key value field in the schema; and

the system further comprises a loader to load a value from the first key value field in the first generic document.

81. (New) A system according to claim 79, wherein:

the parser is operative to parse the schema into objects; and

the system further comprises a definer to define a structure for the data store based on the objects.

82. (New) A system according to claim 80, wherein the data store further includes an index associated with the first generic document, the index storing a copy of the value from the first key value field in the first generic document.

83.   (New) A system according to claim 80, wherein:

the schema includes a definition of at least one of a second element and a fourth attribute;

the parser is operative to identify the second element or the fourth attribute;

the loader is operative to load a second value from the second element or the fourth attribute in the first generic document; and

the data store further includes a field storing the second value in a native format of the data store.

84.   (New) A system according to claim 81, wherein the index is in a native format of the data store.

85.   (New) A system according to claim 3, wherein:

the key identifier identifies the key value field as a foreign key for the data store; and

the key identifier references a second data store.